PALM Intranet

Application Number [ ] Submit

IDS Flag Clearance for Application 10650362

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2004-01-23	15	Y ☑	2007-03-03 21:40:11.0	MLe
M844	2006-11-16	9	Y ☑	2007-02-19 18:27:24.0	MLe

Update

Interference Search 10/650,362

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	219	(714/16).ccls.	US-PGPUB; USPAT	OR	ON	2007/03/03 21:13
L2	725	(714/15).ccls.	US-PGPUB; USPAT	OR	ON	2007/03/03 21:13
L3	1135	(707/202).ccls.	US-PGPUB; USPAT	OR	ON	2007/03/03 21:16
L4	1723	(707/203).ccls.	US-PGPUB; USPAT	OR	ON	2007/03/03 21:19
L5	341	redo adj (record or file or log)	US-PGPUB; USPAT	OR	ON	2007/03/03 21:17
L6	214	(chang$4 or modif$4) same 5	US-PGPUB; USPAT	OR	ON	2007/03/03 21:18
L7	11748	before adj(fail$4 or error$4 or problem or fault$4 or defect$4 or malfunction)	US-PGPUB; USPAT	OR	ON	2007/03/03 21:19
L8	14	6 same 7	US-PGPUB; USPAT	OR	ON	2007/03/03 21:19
L9	3	8 and 1	US-PGPUB; USPAT	OR	ON	2007/03/03 21:19
L10	0	8 and 2	US-PGPUB; USPAT	OR	ON	2007/03/03 21:19
L11	3	8 and 3	US-PGPUB; USPAT	OR	ON	2007/03/03 21:19
L12	2	8 and 4	US-PGPUB; USPAT	OR	ON	2007/03/03 21:19
L13	4	8 and ("714"/$).ccls.	US-PGPUB; USPAT	OR	ON	2007/03/03 21:20
L14	10	8 and ("707"/$).ccls.	US-PGPUB; USPAT	OR	ON	2007/03/03 21:20
L15	0	14 and (link same resource)	US-PGPUB; USPAT	OR	ON	2007/03/03 21:20
L16	7	lock$4 same (dead adj transaction)	US-PGPUB; USPAT	OR	ON	2007/03/03 21:20
L17	1	block-base adj (redo or undo)	US-PGPUB; USPAT	OR	ON	2007/03/03 21:21

10/650,362

Terms used
redo or **undo** and **record** or **file** or **log** and **failure** or **error** or **problem** or **fault** or **defect** or **malfunction** and **memory** and **change**

Sort results by relevance

Display results expanded form

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Search Tips

Open results in a new window

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Results 1 - 20 of 200
Best 200 shown

Result page: **1** 2 3 4 5 6 7 8 9 10 next

1 Special issue: AI in engineering

D. Sriram, R. Joobbani
April 1985 **ACM SIGART Bulletin**, Issue 92
Publisher: ACM Press
Full text available: pdf(8.79 MB) Additional Information: full citation, abstract

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from ove papers were received over the computer network.

2 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative**
Publisher: IBM Press
Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagra better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer de Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overvie experience, such tools display repeated occurrences of non-trivial commun ...

3 Fault Tolerant Operating Systems

Peter J. Denning
December 1976 **ACM Computing Surveys (CSUR)**, Volume 8 Issue 4
Publisher: ACM Press
Full text available: pdf(2.69 MB) Additional Information: full citation, references, citings, index terms

4 Highly available systems for database applications

Won Kim
March 1984 **ACM Computing Surveys (CSUR)**, Volume 16 Issue 1
Publisher: ACM Press
Full text available: pdf(2.43 MB) Additional Information: full citation, abstract, references, citings, index terms,

As users entrust more and more of their applications to computer systems, the need for systems that are contin

Terms used
redo or **undo** and **record** or **file** or **log** and **failure** or **error** or **problem** or **fault** or **defect** or **malfunction** and **memory** and **change**

Results 81 - 100 of 200
Best 200 shown

81 Jockey: a user-space library for record-replay debugging

Yasushi Saito
September 2005 **Proceedings of the sixth international symposium on Automated analysis-driven debuggi**
Publisher: ACM Press
Full text available: pdf(159.94 KB) Additional Information: full citation, abstract, references, index terms

Jockey is an execution record/replay tool for debugging Linux programs. It records invocations of system calls ar dependent effects and later replays them deterministically. It supports process checkpointing to diagnose long-r Jockey is implemented as a shared-object file that runs as a part of the target process. While this design is the k safety and ease of use, it also poses challenges. This paper discu ...

Keywords: Linux, checkpointing, debugging, execution record and replay, jockey, keywords, x86

82 Transaction processing monitors

Philip A. Bernstein
November 1990 **Communications of the ACM**, Volume 33 Issue 11
Publisher: ACM Press
Full text available: pdf(3.06 MB) Additional Information: full citation, abstract, references, citings, index terms,

A transaction processing (TP) application is a program that performs an administrative function by accessing a sl on-line user. A TP system is an integrated set of products that supports TP applications. These products include l processors, memories, disks and communications controllers, and software such as operating systems (Oss), dat (DBMSs), computer networks and TP monitors. Much of the integration of these prod ...

83 Human-computer interface development: concepts and systems for its management

H. Rex Hartson, Deborah Hix
March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1
Publisher: ACM Press
Full text available: pdf(7.97 MB) Additional Information: full citation, abstract, references, citings, index terms,

Human-computer interface management, from a computer science viewpoint, focuses on the process of developi interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This concepts of interface management: dialogue independence, structural modeling, representation, interactive tools methodologies, and control structures. *Dialogue independence* is th ...

Results 181 - 200 of 200

Result page: previous 1 2 3 4 5 6 7 8 9 **10**

Best 200 shown

181 Replicated data management in distributed database systems

Sang Hyuk Son
November 1988 **ACM SIGMOD Record**, Volume 17 Issue 4
Publisher: ACM Press
Full text available: pdf(835.25 KB) Additional Information: full citation, abstract, citings, index terms

Replication is the key factor in improving the availability of data in distributed systems. Replicated data is stored accessed by the user even when some of the copies are not available due to site failures. A major restriction to u copies must behave like a single copy, i.e., mutual consistency as well as internal consistency must be preserved replicated data in distributed database syste ...

182 Implementation of resilient, atomic data types

William Weihl, Barbara Liskov
April 1985 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 7 Issue 2
Publisher: ACM Press
Full text available: pdf(2.19 MB) Additional Information: full citation, abstract, references, citings, index terms,

A major issue in many applications is how to preserve the consistency of data in the presence of concurrency an addressing this problem by implementing applications in terms of abstract data types with two properties: Their serializability and recoverability for activities using them) and resilient (they survive hardware failures with accep what it means for abstract data types to be atomic and ...

183 801 storage: architecture and programming

Albert Chang, Mark F. Mergen
February 1988 **ACM Transactions on Computer Systems (TOCS)**, Volume 6 Issue 1
Publisher: ACM Press
Full text available: pdf(1.87 MB) Additional Information: full citation, abstract, references, citings, index terms,

Based on novel architecture, the 801 minicomputer project has developed a low-level storage manager that can programming in subsystems and applications. The storage manager embodies three ideas: (1) large virtual stora and permanent files for the active programs; (2) the innovation of database storage, which has implicit properties atomic update, similar to those o ...

184 Compiler and runtime support for efficient software transactional memory

Ali-Reza Adl-Tabatabai, Brian T. Lewis, Vijay Menon, Brian R. Murphy, Bratin Saha, Tatiana Shpeisman
June 2006 **ACM SIGPLAN Notices , Proceedings of the 2006 ACM SIGPLAN conference on Programmi**

Sat, 3 Mar 2007, 9:35:17 PM EST

Edit an existing query or compose a new query in the Search Query Display.

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Search Query Display

[redacted]

Recent Search Queries

		Results
#1	((undo or redo<in>metadata) <and> (record or file or log<in>metadata))<and> (error or fault or failure<in>metadata)	1169
#2	((undo or redo<in>metadata) <and> (record or file or log<in>metadata))<and> (error or fault or failure<in>metadata)	1169
#3	((undo or redo<in>metadata) <and> (record or file or log<in>metadata))<and> (error or fault or failure<in>metadata)	1169
#4	((undo record<in>metadata) <and> (link<in>metadata)) <and> (resource<in>metadata)	0
#5	((undo record<in>metadata) <and> (lock<in>metadata)) <and> (dead transaction<in>metadata)	0

[redacted]